

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/646,985A  
Source: IFW/6  
Date Processed by STIC: 8/11/06

***ENTERED***



IFW16

**RAW SEQUENCE LISTING** DATE: 08/11/2006  
**PATENT APPLICATION:** US/10/646,985A **TIME:** 09:19:08

Input Set : A:\COTH-P03-504.TXT  
Output Set: N:\CRF4\08112006\J646985A.raw

```

4 <110> APPLICANT: Hammond, Philip W.
5      Lipovsek, Dasa
7 <120> TITLE OF INVENTION: METHODS FOR PRODUCING NUCLEIC ACIDS
8      LACKING 3'-UNTRANSLATED REGIONS AND OPTIMIZING CELLULAR
9      RNA-PROTEIN FUSION FORMATION
11 <130> FILE REFERENCE: COTH-P03-504
13 <140> CURRENT APPLICATION NUMBER: US 10/646,985A
14 <141> CURRENT FILING DATE: 2003-08-21
16 <150> PRIOR APPLICATION NUMBER: US 09/910,518
17 <151> PRIOR FILING DATE: 2001-07-20
19 <150> PRIOR APPLICATION NUMBER: US 09/374,962
20 <151> PRIOR FILING DATE: 1999-08-16
22 <150> PRIOR APPLICATION NUMBER: US 60/096,818
23 <151> PRIOR FILING DATE: 1998-08-17
25 <160> NUMBER OF SEQ ID NOS: 8
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 27
31 <212> TYPE: DNA
32 <213> ORGANISM: Unknown
34 <220> FEATURE:
35 <223> OTHER INFORMATION: oligonucleotide primer
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <222> LOCATION: 19,-20,-21,-22,-23,-24-
40 <223> OTHER INFORMATION: n = A,T,C or G
42 <400> SEQUENCE: 1
W--> 43 gcttgctgga gtgcgagtnn nnnncta          27
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 27
47 <212> TYPE: DNA
48 <213> ORGANISM: Unknown
50 <220> FEATURE:
51 <223> OTHER INFORMATION: oligonucleotide primer
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: 19,-20,-21, 22, 23,-24
56 <223> OTHER INFORMATION: n = A,T,C or G
58 <400> SEQUENCE: 2
W--> 59 gcttgctgga gtgcgagtnn nnnntta          27
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 27
63 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

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Input Set : A:\COTH-P03-504.TXT

Output Set: N:\CRF4\08112006\J646985A.raw

64 <213> ORGANISM: Unknown  
 66 <220> FEATURE:  
 67 <223> OTHER INFORMATION: oligonucleotide primer  
 69 <220> FEATURE:  
 70 <221> NAME/KEY: misc\_feature  
 71 <222> LOCATION: 19, 20, 21, 22, 23, 24  
 72 <223> OTHER INFORMATION: n = A,T,C or G  
 74 <400> SEQUENCE: 3  
 W--> 75 gcttgctgga gtgcgagtnn nnnntca 27  
 77 <210> SEQ ID NO: 4  
 78 <211> LENGTH: 28  
 79 <212> TYPE: DNA  
 80 <213> ORGANISM: Unknown  
 82 <220> FEATURE:  
 83 <223> OTHER INFORMATION: oligonucleotide primer  
 85 <220> FEATURE:  
 86 <221> NAME/KEY: misc\_feature  
 87 <222> LOCATION: 27  
 88 <223> OTHER INFORMATION: h= A,C or T  
 90 <220> FEATURE:  
 91 <221> NAME/KEY: misc\_feature  
 92 <222> LOCATION: 28  
 93 <223> OTHER INFORMATION: n = A,T,C or G  
 95 <400> SEQUENCE: 4  
 W--> 96 taatacgaact cactataggg gggggghn 28  
 98 <210> SEQ ID NO: 5  
 99 <211> LENGTH: 44  
 100 <212> TYPE: DNA  
 101 <213> ORGANISM: Unknown  
 103 <220> FEATURE:  
 104 <223> OTHER INFORMATION: oligonucleotide primer  
 106 <220> FEATURE:  
 107 <221> NAME/KEY: misc\_feature  
 108 <222> LOCATION: 36, 37, 38, 39, 40, 41, 42, 43, 44  
 109 <223> OTHER INFORMATION: n = A,T,C or G  
 111 <400> SEQUENCE: 5  
 W--> 112 gccttacgt catcgccctt gtatcgaaa ctagannnn nnnn 44  
 114 <210> SEQ ID NO: 6  
 115 <211> LENGTH: 36  
 116 <212> TYPE: DNA  
 117 <213> ORGANISM: Unknown  
 119 <220> FEATURE:  
 120 <223> OTHER INFORMATION: oligonucleotide primer  
 122 <220> FEATURE:  
 123 <221> NAME/KEY: misc\_feature  
 124 <222> LOCATION: 28, 29, 30, 31, 32, 33, 34, 35, 36  
 125 <223> OTHER INFORMATION: n = A,T,C or G  
 127 <400> SEQUENCE: 6  
 W--> 128 ggacaattac tatttacaat tacaatgnnn nnnnnn 36

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/646,985A

DATE: 08/11/2006

TIME: 09:19:08

Input Set : A:\COTH-P03-504.TXT

Output Set: N:\CRF4\08112006\J646985A.raw

130 <210> SEQ ID NO: 7  
131 <211> LENGTH: 39  
132 <212> TYPE: DNA  
133 <213> ORGANISM: Unknown  
135 <220> FEATURE:  
136 <223> OTHER INFORMATION: oligonucleotide primer  
138 <400> SEQUENCE: 7  
139 taatacgact cactataggg acaattacta tttacaatt 39  
141 <210> SEQ ID NO: 8  
142 <211> LENGTH: 33  
143 <212> TYPE: DNA  
144 <213> ORGANISM: Unknown  
146 <220> FEATURE:  
147 <223> OTHER INFORMATION: oligonucleotide primer  
149 <400> SEQUENCE: 8  
150 agaagatgcg cgatcgtcat cgtccttgt a gtc 33

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 08/11/2006  
PATENT APPLICATION: US/10/646,985A                    TIME: 09:19:09

Input Set : A:\COTH-P03-504.TXT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 19~20,21,-22,23,24~  
Seq#:2; N Pos. 19,20,21,22,23,24~  
Seq#:3; N Pos. 19,20,21,-22,23,24~  
Seq#:4; N Pos. 28~  
Seq#:5; N Pos. 36,,37,-38,-39,-40,-41,-42,-43,-44~  
Seq#:6; N Pos. 28,,29,30,31,32,33,34,-35,,36~

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/646,985A

DATE: 08/11/2006

TIME: 09:19:09

Input Set : A:\COTH-P03-504.TXT

Output Set: N:\CRF4\08112006\J646985A.raw

L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0